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PROJECT REFERENCE NO.	SHEET NO.
I-5987B	58

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22606 ENGINEER DAVID C. WALLER
4/29/2022
MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 036821 ENGINEER ELENI M. RIGGS
4/29/2022
MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
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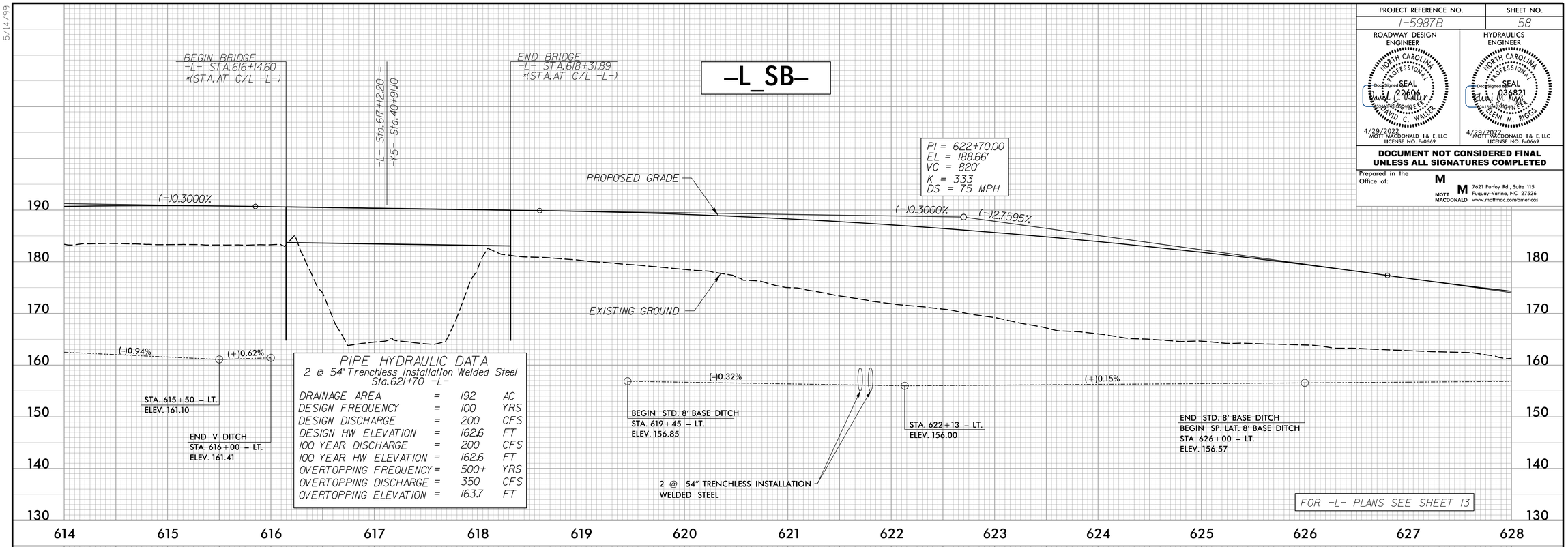
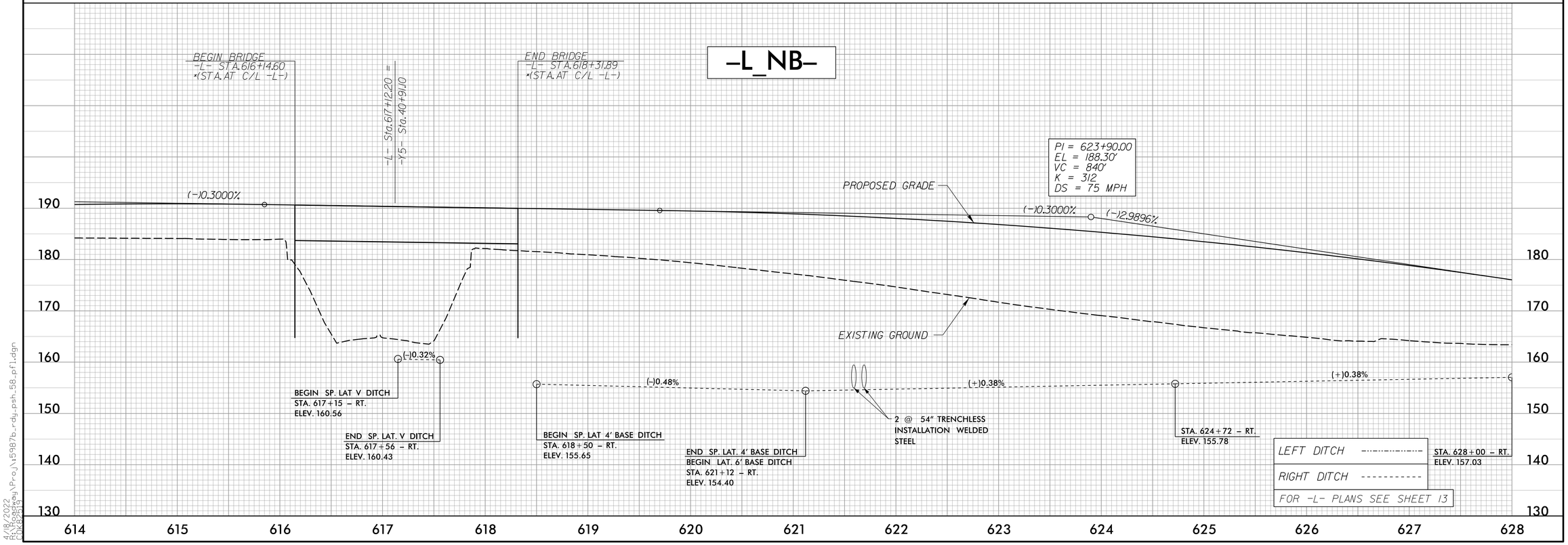


PIPE HYDRAULIC DATA
2 @ 54" Trenchless Installation Welded Steel
Sta.621+70 -L-

DRAINAGE AREA	=	192	AC
DESIGN FREQUENCY	=	100	YRS
DESIGN DISCHARGE	=	200	CFS
DESIGN HW ELEVATION	=	162.6	FT
100 YEAR DISCHARGE	=	200	CFS
100 YEAR HW ELEVATION	=	162.6	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	350	CFS
OVERTOPPING ELEVATION	=	163.7	FT



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